

## ER-2 #806 06/22/17

**Aircraft:** [ER-2 - AFRC #806](#) ([See full schedule](#))

**Flight Number:** 17-6045

**Payload Configuration:** AVIRIS-C and MASTER

**Nav Data Collected:** Yes

**Total Flight Time:** 5.2 hours

**Comments:** Took off at 1105L; landing at 1616L for a 5.2 hour mission. Instrument operations were nominal from the pilot's perspective. Flew the Lake Tahoe Box first then the Soda Straw line. The pilot completed all of the lines. The Tahoe lines were mostly clear with a few clouds (<5%) on a couple of the Yosemite lines. The Soda Straw was clear except for the very ends where there were a few clouds (<5%). No turbulence encountered. Stu Broce was the pilot.

**Submitted by:** Ken Norlin on 06/22/17

### Flight Segments:

<b>From:</b>	Palmdale, CA	<b>To:</b>	Palmdale, CA
<b>Start:</b>	06/22/17 18:05 Z	<b>Finish:</b>	06/22/17 23:16 Z
<b>Flight Time:</b>	5.2 hours		
<b>Log Number:</b>	<a href="#">172036</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Jack Kaye - NASA - SMD - ESD Director Research and Analysis		
<b>Purpose of Flight:</b>	Science		

### Flight Hour Summary:

	162034	172036
<b>Flight Hours Approved in SOFRS</b>	45	
<b>Flight Hours Previously Approved</b>		9.9
<b>Total Used</b>	35.1	46.6
<b>Total Remaining</b>		-36.7

### 172036 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">06/07/17</a>	17-6039	Science	5.7	5.7	4.2	
<a href="#">06/09/17</a>	17-6040	Science	3.1	8.8	1.1	
<a href="#">06/12/17 - 06/13/17</a>	17-6041	Science	7.6	16.4	-6.5	
<a href="#">06/13/17</a>	17-6042	Science	6.6	23	-13.1	
<a href="#">06/14/17</a>	17-6043	Science	5.8	28.8	-18.9	
<a href="#">06/20/17</a>	17-6044	Science	5.3	34.1	-24.2	
<a href="#">06/22/17</a>	17-6045	Science	5.2	39.3	-29.4	
<a href="#">06/28/17</a>	17-6047	Science	7.3	46.6	-36.7	

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_806\\_06\\_22\\_17#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_806_06_22_17#comment-0)

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NASA Official: Bruce A. Tagg

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

### 162034 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">06/09/16</a>	16-6026	Science	4.7	4.7	40.3	
<a href="#">06/15/16</a>	16-6027	Science	3	7.7	37.3	
<a href="#">06/16/16</a>	16-6028	Science	7.6	15.3	29.7	
<a href="#">06/17/16</a>	16-6029	Science	5.1	20.4	24.6	

<a href="#">06/20/16</a>	16-6030	Science	6.6	27	18
<a href="#">06/21/16</a>	16-6031	Science	8.1	35.1	9.9